RESTRICTED USE PESTICIDE (GROUND AND SURFACE WATER CONCERNS)

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

THIS PRODUCT IS A RESTRICTED USE HERBICIDE DUE TO GROUND AND SURFACE WATER USERS MUST READ AND FOLLOW ALL PRECAUTIONARY STATEMENTS AND INSTRUCTIONS FOR USE IN ORDER TO MINIMIZE POTENTIAL FOR ATRAZINE TO REACH GROUND AND SURFACE WATER.

Support Document #67

ATRAZINE 4L HERBICIDE

For Season-Long Weed Control In Corn, Sorghum, And Certain Other Crops.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Additional Precautionary Statements And Directions For Use On Back Panel

ACTIVE INGREDIENTS:

Net Contents: 2 1/2 Gallons

Atrazine: 2- 6-isopropyl	chloro-4-ethylamino amino-s-triazine)- 				40.8%
Related Compo	ounds				• • • • • • •	2.2%
	ITS		and the framework of the		of the first the same of	1 - 4 × 2 - 4 - 4 - 4 - 4 - 4
Atrazine 4L Cor Before Using.	tains 4 Lbs. Active Use Entire Contents	Ingredients At One Time. with COMMENTS In EPA Leuer Dates		ı. Sh	ake kell	
A STATE OF THE STA		NOV 1 8 1994		EDA 6		1 355 647

Under the Federal Insecticide,

Fundicide, and Redenticide Act as amouded, for the pesticide registered under EPA Reg. No.

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EPA Reg. No. 1386-647

EPA Est. No. 1386-0H-1

Precautionary Statements

Kazarda to Humana and Domestic Animala
CAUTION

Harmful H swallowed, inhaled, or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with eyes, slun or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers (other than mixers and loaders) must wear:

- ·Long-sleeved shirt and long pants
- ·Waterproof gloves
- ·Chemical-resistant footwear plus socks

Mixers and loaders must wear:

- ·Long-sleeved shirt and long pants
- ·Waterproof gloves
- ·Chemical-resistant footwear plus socks
- ·Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- 'Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

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Statement of Practical Treatment swallowed: Call a physician of glasses of water and Induce voi available, by administering syrus by mouth to an unconscious per if inhaled: Remove victim to the preferably mouth-to-mouth, Get if on skin: Wash with plenty of a if in eyes; Flush eyes with plenty. Note to Physician: There is no ingested, induce emesis or lava valed charcosl may be consider.

For Medical Emerge extension 138.

Environmental Hazarda

Atrazine can travel (seep or lea may be used as drinking water, a sovised not to apply atrazine to (ground water) is close to the sur well-drained, Your local agricult type of soil in your area and the

This product may not be mated abandoned wells, drainage well loaded within 50 feet of intermst and reservoirs. This product may of the points where field surfistreams and rivers or within 200 voirs. If this product is applied a from runoff entry points must be crop.

This pesticide is toxic to aquatic where surface water is present mark. Do not apply when west and drift from treated areas may areas. Do not contaminate water

DIRECTIONS FOR USE

It is a violation of federal lew to u

For any requirements sp the agency responsible

FAILURE TO FC. LOW THE DI LABEL MAY RESULT IN POC RESIDUES.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries; and greenhouses, and standlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry intervals. The requirements in this box on table to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- · Coveralls
- ·Waterproof gloves
- Chemical-resistant footwear plus socks

NON-AGRICULTU

The requirements in the product that are NOT a Protection Standard (40 CFR Part 170) The is used to produce a forests, nurseries, or

Do not enter treate clothing until sprays warnings must be given to be in a treated be treated with this be given which inform that may not be enter clothing ountil sprays actions to take wim as described under this label. & When ora shall of given in a T by workers. Oral war is reason to believe be understood, by wor include the following treated with Atrazine Do not enter without's until sprays have dried

CHEMIGATION PROHIBITION

Do not apply this product system.



General Information

This herbicide controls many annual broadlest and grass weeds in corn, sorghum, sugarcane, and certain other crops specified on this label. This product may be applied before or after weeds emerge.

Following many years of combinuous use of this product and chemically related products, pictypes of some of the weeds tested on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, and weeds controlled by this product are expected to be present along with resustant biotypes, we recommend the use of this product is combinations or in sequence with other registered herbicides which are not tritazines, if only resistant biotypes are expected to be present, use a registered non-triazine herbicide. Consult with your state Agnoultural Extension Service for specific recommendations.

Since this product acts mainly through root absorption, its effectiveness depends on mountains to move it into the root zone. If weeds develop, a shallow cultivation or rotary hosing will generally result in better weed control.

This product is noncorresive to equipment and metal surfaces, nonflammable, and has low electrical conductivity.

Avoid using near adiacent desirable plants or in greenhouses, or liqury may occur.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as crop injury may result.

Where the use directions give a range of rates, use the lower rate on coarse-textured soil and soil low in organic matter; use the higher rate on fine-textured soil and soil high in organic matter.

NOTE: Universal Cooperatives, Inc., does not recommend applications in combination with other herbicides or oils, except as specifically described on the label.

Application Procedures

Ground application: Use conventional ground aprayers equipped with nazzles that provide accurate and uniform application. Be certain that notzlee are uniformly specied and are the same size. Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers. Unless otherwise specified, use a minimum of 10 gais, of spray muture/A for all preplant incorporated, preplant surface, preemergence, and postemergence applications (with or without oil or surfactant) with ground equipment.

Use a pump with capacity to (1) marrisin 35-40 pel at nozzies, (2) provide sufficient agitation in tank to keep moture in suppension, and (3) to provide a minimum of 20% bypass at all times. Use centrifugal pumps which provide propeller shear action for dispersing and mixing this product. The pump should provide a minimum of 10 gals./minute/100 gal. tank size circulate I through a correctly positioned sparger tube or jets.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump aribuid be 16-meah or coarset. Do not place a screen in the recirculation line. Use \$0-meah or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

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For band applications, calculate amour

band width in inches

per acre

Aertel application: Use aertal application: Use aertal application: Use aertal application: Of the second application of 2 gals, of water/A. Avoicoverage cannot be obtained or where

Avoid application to humans or animals spray mist and prolonged contact with and at the end of each day's operation.

Application in water or liquid fertilization replace all or part of the water as a corpreplant surface ground application this product with liquid fertilizer and/or not apply in natiogen solution or complete frop injury may occur.

Competibility Test: Since inquid terti always check competibility with her careful when using complete susper problems are more likely to occur. Compatibility in some instances. The followacre. For other apray volumes, make competibility using this procedure:

- 1. Add 1 pure of fertilizer to each of 2 or
- 2. To one of the milliliters of a for this use, so is equivalent to Shake or stir gent
- To both jars add the appropriate am used, add them separately with dry concentrates last. After each addli appropriate amount of herbicides it

Dry herbicides: For each pound

each jar.

Liquid herbicides: For each pint I millilitiers to eac

4. After adding all ingredients, put lide
Let the mixtures stand 15 minut
precipitates, gels, heavy oily film on
if the compatibility agent is needed
either mixture separates, but can a
long as good agitation is used. If i
methods of improving compatibility,
tion, or (8) add ½ of the compatib
emulation is concentrate or flowable
patibility is still observed, do not ue

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Application in water plue emulaifiable all or oil concentrate: Adding emulainable oil (percleum-derived, petroleum-derived oil concentrate, or single or misse crop-derivers oil concentrate) to possemergence water-based aprays in corn and sorghum may improve weed control. However, under certain conditions, the use of either type of oil may seriously injure the crop. To minimize this possibility, observe the following directions:

Use one of the following property emulaified:

- A suitable oil concentrate commining at least 1% but not more than 20% suitable emulsifier or surfactions blend.
- 2. Petroleum-derived oil containing at least 1% suitable emulsifier.

NOTE: In the event of a compatibility problem when mixing oil with this product and water, a compatibility agent such as Kem Link should be used. Any of the above oils contaminated with water or other materials can cause compatibility problems and/or crop injury.

Mixing procedures — all uses: (1) Be sure sprayer is clean and not contaminated with any other materials, or crop injury or sprayer clogging may result. (2) Filt tank Vs full with clean water, nitrogen solution, or complete liquid fertilizer. (3) Start agitation. (4) Be certain that the epitation system is working properly and creates a repling or rolling action on the liquid surface. (5) Pour product directly from container into tank. (6) Continue filling tank until 90% full. Increase agitation if necessary to maintain surface action. (7) Add emulalitable oil, oil concentrate, or tank mix herbicide(s) after this product is thoroughly suspended. (8) Finish filling tank. (9) Empty tank as completely as possible before reliting to prevent buildup of oil or emulalitable concentrate residue. Maintain agriztion to avoid separation of materials. (10) If an oil or emulalitable concentrate film starts to build up in tank, drain it and clean with strong detergent solution or solvent. (11) Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent.

Rotational Crops - All Lieux; (1) Do not rotate to any crop except corn or sorgitum until the losowing year, or injury may occur. (2) it applied after June 10, do not rotate with crops other than corn or sorghum the next year, or crop injury may occur. (3) in the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where impetion is required, use only when corn or sorghum is to follow corn or sorghum or when a crop of uncreased corn or sorghum is to precede other rotational crops. (4) in eastern pairs of the Dakotas, KS, western MM, and ME, do not rotate to soybeans if the rate applied to corn or sorghum was more than 2.2 ibs/A or equivalent band application rate, or soybean injury may occur. (5) injury may occur to soybeans planted the year following application on soils having a calcureous surface layer. (6) Do not plant sugar bests, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year following application, or injury may occur.

Atrazine 4L Applied Alone - Corn or Grain Sorghum*

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Preplant Surface-Applied, Preplant Incorporated, or Preemergence (or Postemergence at 4 pts./A With Oil)

Broadlesf and Grass Weeds Controlled

barnyardgrass (wetergrass) ***
plant foots! ***
preen foots! ***
large (harry) crabgrass **
wild eats
witchgrass (Panicum capitare) ***
yellow foots!

Postsmergence with Emulsitiable Oil c Broadleaf Weeds Controlled

annual morningglory cocklebur pimsonweed lambsquari mustards pigweed

- "Where there are state/local requires maximum raises and/or greater settimore restrictive/protective requirem established rate limitations within a lead posticide control agency for aditio deviate from state use regulations."
- " Pargal control only.
- "" Partial control only on medium- and

Com

Preplant Surface-Applied (Broadles) a textured soil with minimum-bilage or no-til MO, MT, NO, NE, SD, WI, and WY. Apply Table 1 up to 45 days prior to planting. Or two weeks prior to planting. If an unsat adverse environmental conditions follow appropriately labeled herbicide may traiting, do not exceed the labeled rate is

If weeds are present at the time of treatm herbicide (for example, Gramoione® E precautions, and restrictions on the lab

Note: To the extent possible, do not move to the surface during planting, or weed

Preplent Incorporated (Broadlest and ing at rase in Table 1, Apply to the soil and bed preparation, Avoid deep incorporatio to planting.

Preemergence or Al-Planting (Broadle after planting before weed emergence, a

Postemergence (Broadlest and grass s in height and before com exceeds 12 inc



Table 1: Broadlest and Grass Weed Control in Corn*

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FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE

- On Highly Erodible Soils (se defined by SCS)
 If conservation tillage is practiced, leaving at least 30% of the soil covered with plant residues at planting, apply a maximum of 4 pts./A as a broadcast spray.
 - If the soil coverage with plant residue is less than 30% at planting, a maximum of 3.2 pts./A may be applied.
- On Soils Not Highly Erodible
 Apply 4 pts./A as a broadcast apray.

FOR POSTEMERGENCE APPLICATION

If no strazine was applied prior to opin emergence, apply a maximum of 4 pts./A broadcast, if a posternergence treatment is required following an earlier herbicide application, the total atrazine applied may not exceed 2.5 lbs. active ingredient (5 pts. of this product) per acre per calendar year.

Broadear control (seatern CQ, western KS, western NE, NM, OK Panhandle, west TX, and eastern WY): On sand, loarny sand, sandy loarn, mild to strongly alkaline soil, and all recently leveled soil, apply no more than 2.4 pts./A, either preplant surface, preplant incorporated, or preemergence. On other soils in these areas, apply rate in Table 1 for broadlest and grass pontrol.

Where there are state/local requirements : warding atrazine use (including lower maximum rates and/or greater settects) which are different from the label, the more restrictive/protective requirements must be tot lowed. Certain states may have established rate limitations within specific geographical areas. Consult your state lead posticide control agency for additional information, it is a violation of this tabel to deviate from state use regulations.

Posternergence with emulaifiable oil or oil concentrate in water; Add the following volume of one of the type oils indicated for serial or ground application unless the oil label specifies otherwise:

Type Oli		San	Ground Application	Aeriel Application
Oil Concentrate (Crop or Pvi	roleum-derived)	1 QUA	¥2 - 1 qt./A
Petroleum-derna	rd oli	and the state of t	1 gal/A	2 qtsL/A

Note: Crop-derived or petroleum derived oil concentrates should contain at least 1% but not more than 20% suitable emulaifier or surfactant blend. Petroleum-derived oils should contain at least 1% suitable emulaifier.

Broadlest and grees control: For possimergence control of those weeds listed under Preplant incorporated and Preemergence, broadcast 4 pts./A plus emulatilable oil or oil concentrate after weed emergence, but before weeds reach 1.5 inches in height and before corn exceeds 12 inches in height.

Broadlesf control: For posternergence control of those weeds flated under Poetemergence with emulaiflable all or all concentrate in water, proadcast 2.4 pts./A plus emulaiflable oil or all concentrate before proveed and lambaquariers reach 8 inches in height and before all other weeds reach 4 inches in height. A cultivation may be necessary if all weeds are not controlled or if weeds regrow.

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Precautons: For applications with emutal times or any breeding stock may be severely oil concentrate. (2) Adding other insects materials is not recommended, because if siyury. (3) Store and handle emutalitable oil I with even a small amount of water may not evoid drop injury. (4) Do not apply when a weether, poor fertility, another factors, or will fall. (5) Do not exceed 2.5 lbs. active ingredicter year. (6) Postemergence applications I inches in height.

Tank Mixtures for Com

This product may be tank mixed with these grass weeds in com:

Qual® (merclactrior)

Dual + Gramosone Extra

Dual + Roundup (ptyphosale)

Oual + Princec®

Dual + Princep + Gramosone Extra

Dual + Princep + Roundup Bexton® or Ramrod® (propachior) Lasso® or Lasso EC (alachior)

Use tank mix directions appearing on the I ing with this product. Observe all precau used in a particular tank mix.

NOTE: When the labels refer to atrazine 80W, Atrazine 4L. One 1b. of 4L.

Princep 80W, Princep 4L,

In addition to the were 4L Applied Alone - Corn Surface-Applied, Prep Preemergence, this contrabgrass, fall panicum,

Broadcast tank mix before planting, at pli weeds emerge, at rates in Table 2. Use the ratio for expected heavy infestations of cra if weeds develop.

Preplant Surious Applied: Use on med tillage of no-tillage systems only in CO, IA.

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and WY. Apply the recommended rate of Atrazine 4L and Princep shown in Table 2 up to 45 days prior to planting. Refer to the Atrazine 4L alone section for information if weeds should develop following the early treatment. On coarse-textured soils, do not apply more than two weeks prior to planting. Refer to the Atrazine 4L Alone-Preplant Surface-Applied section of the corn label for additional details.

If weeds are present at time of treatment, apply in a tank mix combination with a contact herbicide (for example, Gramosone Extra or Roundup). Observe directions for use, precautions, and restrictions on the tabel of the contact herbicide.

Note: To the ement possible, do not move trested soll out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

Preplant incorporated: Apply to the soil and incorporate in the spring before, during, or after final seedbed preparation. Avoid deep incorporation. For best results, apply within two weeks prior to planting.

Preemergence: Apply during of shortly after planting, but before crop and weeds emerge.

Refer to Corn sections of this label and to Princep 80W. Princep Caliber 90, or Princep 4L labels for further directions, limitations, and precautions.

Table 2: Tank Mixtures with Princep on Com

the state of	Broodcast Rete/A				
	1:1 R	etio*	1:2 Retio**		
Soll Texture	This Product	Princep sow1	This Product	Princep 80W1	
Sand, loamy sand, sandy loam	2 pts.	1.25-lbs.	1.32 pts.	1.57 lbs.	
Loam, sitt loam, sitt, clay loam, sandy clay loam, sitty clay loam, sandy clay, or sitty clay with low organic matter	2.4 pts.	1.5 lbs.	1.5 pts.	2 lbs.	
Loam, silt toam, silt, clay loam; sandy clay loam, silty clay loam; sandy clay, or silty clay with medium to high organic matter, and clay (including dark prairie soils of the Com Belt)	3 pts.	1.8 lbs.	1.92 pcs.	2.4 lbs.	

^{*} For control of most weeds.

Princep SCW, Princep 4L, or Princep Caliber 90 plus Reundup: Use as tank mature for pre-mergence and posternergence control of certain broadles! and grass weeds where com will be planted directly into a cover crop, established sod, or in previous crop residues. Refer to Roundup label for all directions, weeds controlled, precautions, and limitations.

Princep 80W, Princep 90 plus Gramoxone Ext with Princep and Gramo vegetation and for re corn will be planted established sod, or Add this product and tank, agitating unti add Gramoxone Extra such as Aquagene 90. application. Broadcas plus 1.25 - 2.5 lbs 4 pts. of Princep 4 Princep Caliber 90) Gramoxone Extra in 2 sprayed acre. label for the approp this tank mixture. after planting, but 0.5 pt. of a nonionic 90, per 100 gals. c higher rate of Gran the label if existing tall. This mixture w than 6 inches.

Refer to further limitations and prec Gramoione Extra.

Precautions: For all applications to conceptly more than 2.5 De./A active in (2) For best control of velvedeal and or Ds./A active ingreident, either alone or plow (moldboard or disk-plow) and the injury to spring-seeded rotational crop Note for all applications to corn; Dr.

days following application, or illegal : Sorphum and Sorphum-eudan Hyt

Preplant Surface Applied (Broadle textured soil with minimum-tillage of MN, MO, MT, ND, NE, recommended rate of 3 up to 45 days unsatisfactory length

^{**} For control of expected heavy intestations of crabgrass and fall panicum.

¹ When using Princep Caliber 90 or Princep 4L, use equivalent rates. One ib. of Princep 80W equals 0.9 lb, of Princep Caliber 90 or 1.8 pts. of Princep 4L.

from adverse environmental conditions following early treatment, a follow-up application of an appropriately labeled herbicide may be used. If the follow-up treatment includes atrazine, do not exceed the labeled rate for corn indicated in Table 1. Under dry conditions, irrigation after application is recommended to move Atrazine 4L into the soil.

If weeds are present at time of treatment, apply in a tank mix combination with a contact herbicide (for example, Gramosone Extra or Roundup). Observe directions for use, precautions, and restrictions on the label of the contact herbicide.

Note: To the extent possible, do not move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

Preplent incorporated (Broadlesf and grass control): Broadcast in spring after plowing at rase shown in Table 3. Apply before, during, or after final seedbed preparation. If soil is titled or worked after application, avoid deep incorporation. For best results, apply within two weeks prior to planting.

Preemergence (Broadleaf and grass control): Apply during or shortly after planting, but prior to weed or crop emergence at rate shown in Table 3.

Postermergence (Broedleef and grase control): Apply at rate shown in Table 3 before weeds exceed 1.5 inches in height and before sorghum exceeds 12 inches in height.

Table 3: Broadleaf and Gress Wood Control in Sorghum 1.2 FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE

- On Highly Erodible Soils (as defined by SCS)
 If conservation tillage is practiced, leaving at least 30% of the soil covered with
 - plant residues at planting, apply a maximum of 4 pts./A as a proadcast spray.
 - If the solicoverage with plant residue is less than 30% at planting, a maximum of 3.2 pts./A may be applied.
- On Soils Not Highly Eradible.
 Apply 4 pts./A as a broadcast spray.

FOR POSTEMERGENCE APPLICATION

If no strazine was applied prior to com emergence, apply a maximum of 4 pts./A broadcast. If a postemergence treatment is required following an earlier heroicide application, the total strazine applied may not exceed 2.5 fbs. active ingredient (5 pts. of this product) per scre per calendar year.

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 in case of planting fallure, sorghum or prosdcast application, or injury may oc com is replanted in untreated row midsecond planting provided the maximicalendar year is not exceeded.

Preemergence broadlest weed control of after bed preparation, during or after and before the first furrow impation. For thoroughly wet all soll.

Precautions for preemergence applica. CA: To avoid possible sorghum injury, du planted in furrows. Applications to sorgioration have exposed calcareous or all fallure, do not replant sorghum for 8 m immediately.

Postemergence broadlest weed corwisers Broadcast 2.4 pts./A for control and tembequeners reach 6 inches in height. In CO, wessern KS, NM, OK, T sorghum is 6-12 inches in height. In 13-leaf stage but before it exceeds 12 in ground application and 0.5 gal/A for a for ground application, A cultivation m if weeds regrow.

For the list of week 4L Applied Alone-Corn ence with Emulsifiabl Water.

Precautions for applications with emutions for applications with emutations

Postamorgance broadlest weed or TX, and desert regions of AZ and surfactant after sorghum reaches 6 ir in height. Apply only on sandy loam

Precautions: For all applications to a cation tends to cause excessive con possible crop injury. Do not apply a (plowed in), Level deep planter martis sorghum growing under stress cause on highly calcareous soil may result to or disk-plow) and thioroughly till soil i seeded rotational crops, regardless of preplant auriscs, preplant incorpora insecticide applied in-humor are used (5 prairijence (except for preemergen apply to coarse-textured soils, La., sa restured soils heving less than 1% emergence applications, do not app

On not apply prepliant surface of prepliant incorporated in AL, AR, FL, GA, LA, MS, NC, NM, OK, SC, TN, or TX. Do not apply preemergence in NM, OK, or TX, except in northeast OK and the TX Guill Coast and Slacklands areas.

Where there are state/local requirements regarding strazine use (including lower maximum rates and/or greater setbacks) which are different from the label, the more restrictive/protective requirements must be followed. Certain states may have established rate limitations within specific geographical areas. Consult your state lead perticide control agency for additional information, it is a violation of this label to deviate from state use regulations.

Note: Do not graze or feed lorage from treated areas for 21 days following application, or illegal residues may result.

Tank Mixtures for Grain Sorphum

Dua 1 8E: Use as tank mixture with Dual SE for control of those weeds listed on the Dual SE label, as well as on this label, Use this tank mixture only on sorghum seed related with Concep®. Refer to the Dual SE label for all directions, precautions, and firmstions,

Winter Weed Control In Texas

for postemergence control of winter weeds only, such as henbit, seedling dock, and annual thistle bedded land in the Gulf Coast and fall Blacklands of TX. Apply 0.8 1 postemergence to the weeds in November or December to land that will be planted to corn, grain sorghum, or forage sorghum the following spring. for best results, add a suitable surfactant. such as Aquagene 90, at the rate of 0.5% of the spray volume, an emulsifiable oil at the rate of 1.0% of the spray volume, or an oil concentrate at the rate of 1 ot. per acre.

Normal weed control programs may be used in the following corn, grain sorghum or lorage sorghum crop.

Note: Do not plant any crops except corn, grain sorghum, or forage sorghum the spring following this treatment, or litegal residues may result.

Atrazine 4L Alone - Chemical Fallow

Wheet-Sorghum-Fallows To correct annual broadlest and grass weeds tollowing wheat harvest and in the tollowing sorghum crop when grown under minimum bilage, broadcast 6 pts./A to wheat stubble immediately following wheat harvest. If weeds are present application, or use an approved contact herbicide before or after the application of Atrazine 4L. Plant sorghum into wheat stubble the following spring with minimum soil disturbance. Use a surface planter or a planter leaving a shallow furrow. If weeds are present at planting, remove them with a sweep plow or other suitable implement

before planting.

For the list of weed 4L Applied Alone-Corn Surface-Applied, Preplemergence.

Precautions: (1) Use only on sit loam a Wheet-sorghum-fallow propping sequel sorghum harvest.

Note: To avoid litegal residues, do not go To avoid litegal residues and crop injurtabel within 18 months following treatm Wheet-Corn-Fellow (KS, NE): This pro

Wheet-Corn-Fallow (KS, NE): The pro lochia, multiards, pigweed, Russian tr wheat during period after wheat harve crop grown under minimum tillags.

Follow directions for use, noise, and p tion above, substituting corn for referer Wheet-Fellow-Wheet (CO, KS, ND cheetgrass (downy brome, chees), cor mustand, Russian thisde, wild lettuce, a period of a wheet-fallow-wheet rotation listed under Precautions. For control

Tank Mixtures for Chemical Fallow

rate. Apply to stubble ground, Treat onl

Wheat-Sorghum-Fallow o

Gramoxone Extra: application, a tank may be used. Broadc plus a suitable 20-60 gals. of wate Add 0.5 - 1 pt. as Aquagerie 90, per Add Atrazine 4L to thoroughly mix with Extra, followed by s rate of Gramoxone Ex if weeds are 4 - 6 will not control we Apply to stubble grou same fallow period. label for further di limitations.

Wheat-Fallow-Wheat (CO, KS, ND, NE, SD, and WY)

Gramoxone Extra: If weeds are present application, a tank mix with Gramoxone Extra may be used. Broadcast 1 - 2 pts. of Atrazine 4L plus a suitable amount of Gramoxone Extra in 20 - 60 gals. of water/A by ground equipment. Add 0.5-1 pt. of a nonionic surfactant, such as Aquagene 90, per 100 gals. of spray mixture. Add Atrazine 4L to spray tank first and thoroughly mix with Then add Gramoxone Extra. water. followed by surfactant. Use the higher rate Gramoxone Extra specified on the label if weeds are 4 - 6 inches tall. This mixture will not control weeds taller than 6 inches. Apply to stubble ground. Treat only once during same Refer to Gramoxone Extra label fallow period. further for directions. precautions. limitations.

If weeds are present at application and this product is used alone, use either an approved contact herbicide before or after treatment, or tillage after treatment,

Use tiliage to control weeds which escape during fallow period. Till before planting. For this product applied alone or in tank mixture with Gramosone Extra, plant at least 2 inches deep and 12 months or more after application.

Precautions: To evoid crop injury, (1) Do not use on sand soil, (2) Do not treet eroded hillsides, caliche and rocky outcroppings, or exposed calcareous subsoil, (3) Do not treet soils of the Rosebud and Carryon Series in western NE and edjoining counties in CO and WY. (4) Do not treet soils with calcareous surface layers, (5) Avoid apray overlap.

Note: Do not graze treated areas within 6 months after application, or illegal residues may result.

Roadeldes

To control certain annual weeds in established perennial grasses along roadsides in CO, KS, MT, ND, NE, SD, and WY, including cheatgrass (downy brome, chess), common

(annual) broomweed, little barley, meducal cast 2 pts./A in a minimum of 10 gals, of will ground freezes, or after thewing in the sprin up and before weeds emerge. Examples of bluestern, bluegrams, bromegrass, buffaloubluestern, side-oats grams, switchgrass, ar year. Temporary discoloration or other form may occur following application.

Notes: To avoid illegal residues, (1) Do not di investock to graze treated areas.

Sugarcane

For comrol of many broadlest and grass hirewood, Flora's paintbrush, foxtails, jungi Atrazine 4L at time of but before sugarcane emei in a minimum of 5 gals broadcast or band by grou of 20 gals, per acre, ur One additional applica the sugarcane as it eme applications may be made as directed sprays. needed, may be appliinterline as suggested v being prior to closerate of herbicide suga of sugarcane.

NOTE: Where high rates alone, apply in a min for each 1 qt. of Atra:

Aerial applications in order to assure the area when used according to label direct of 10 ft., using low drift nozzles at a maxim to periods when wind speed does not 4

adversely affect adjaplants, apply Atrazina at a minimum upwind c sensitive plants.

Florida

For control of emerged pellitory weed; Aos a directed soray by ground equipment pric 100 gala, of spray, Thoroughly cover weed For control of alexandergrass, large crabgrass, pellitory (artitlery) weed, and spiny amaranth, use one of the following methods at planting or rationing:

- Apply 8 pts./A preemergence. Follow with one or two applications, as needed, postemergence to sugarcane and weeds, at 4 pts./A. Treat before weeds exceed 1.5 inches in height.
- 2. Apply 1-3 times, as needed, at 4 pts./A posterrergence to sugarcane and weeds. Treat before weeds exceed 1.5 inches in height.

Louisiana

For control of annual weeds during the summer fallow period, apply 4 pts./A to weed-free beds immediately after bed formation. Follow normal weed control program after planting.

Precautions: To evoid crop injury, (1) Do not apply more than 10 qts./A to any one crop of surparcane, (2) if making 4 pts./A application during summer fallow period, do not exceed a qts./A during the remainder of the growing season, or allegal residues may result.

Texas

Use Atrazine 4L for control of barnyardgrass, pigweed, purslane and sunflower, in plant or ratoon sugarcane.

Apply 8 pts./A of Atrazine 4L preemergence. Follow with one or two applications, as needed, at 6 pts./A postemergence to sugarcane and weeds.

For best results when weeds are emerged, add a nonionic surfactant at a concentration of 2 qts_100 gats, to the spray and apply before weeds exceed 1.5 inches in height,

Proceutions: (1) Injury to sugarcane may occur when under moisture stress, when soil is of low adsorptive capacity, or when land is first cropped to sugarcane. (2) Do not apply after close-in. (3) Do not apply more than 20 pts./A to any one crop of sugarcane, or crop vijury may result.

Turtgresses for Sod (Florida only)

St. Augustinograss, Contipodograss, and Zoyalograss

Broadcast 4 - 8 pts./A according to soil texture to control those weeds listed under Atrazine 4L Applied Alone-Corn or Grain Sorghum-Preplant Surface-Applied, Preplant Incorporated, or Preemergence.

Muck or peat		Old beds: Within 2 days after lifting sod.
	€ pts.	New bade: 3-4 days after sprigging or plugging.
Sangy soil	4	. Old beds: Within 2 days after fifting sod.
	4 pts.	New beds: 7-10 days after sprigging or plugging.

weeds regrow, apply an additional 4 pts./A on muck or peat, or 2 pts./A on sandy soil.

Precautions: To evoid grop injury, (1) Do not (2) Do not apply in combination with surfac turigrass reasonably free of infestations o newly springed turigrass, temporary stown

Turigrass for Fairways, Lawns, Sod Prod

in states other than FL. For use on turing (Floride only) section above.

Bermudagrass, Centipedegrass, St. Aug

Apply Atrazine 4L after of winter annual weed: bluegrass, burclover, corn speedwell, henbit, Atrazine 4L will contrif it is emerged at time of summer annual weeds section of the Atrazior Grain Sorghum sect apply Atrazine 4L in la emerge. Apply in a mir per acre or 1 gal. per 1

Where annual bluegrass is the major wee hi). Use 2 qts./A (44 ml or 1.5 ft 5z, per 1.0 above. Do not exceed 1 qt./A per treatmer mudagrass such as Tiffawn, Tifway, and

For continued summer annual weed continue previous application, but not after A applications of this product per year,

Precautions: On newly aprigged aurigrass of growth and yellowing may occur follow on turigrass reasonably line of infestition not use on golf greens. (3) Do not use north or west of the high rainfall ereas of eastern sittaline solls. (5) Do not apply over the rothis label. (6) Do not overseed with desiral effect treatment. (7) Do not apply this procoverwrittered and has a well-developed n within 12 months of seeding bermudegra

Note: Do not graze or feed turf clippings

Macademia Nyte

For preemergence control of many broad tail, wiregrass. Flora's paintbrush, spani before harvest and before weeds emerge are on ground during harvest period. Do

Guerra

Use only on established plantings which are at least 18 months old. Apply as a directed spray at 4 - 8 pts./A of Atrazine 4L in 20 - 50 gals. of spray mix preemergence or early postemergence to weeds. When applying postemergence, the use of a surfactant and greater spray volume (80 - 100 gals. of spray mix per acre) may enhance weed control. This product controls many annual broadleaf and grass weeds, including fireweed, purslane, scarlet pimpernel, spanishneedles, and sowthistle.

NOTES: To avoid illegal residues, (1) Do not allow spray to contact foliage or fruit. (2) Do not apply more frequently than at 4 month intervals. (3) Do not apply more than 16 pts. of Atrazine 4L per year.

Conflers

For control of annual broadlest and grass weeds prior to transplanting, after transplanting or in established coniters (including Douglas fix, grand fix, noble fix, write fix, Austrian pine, bishop pine, Jettrey pine, Knobcone pine, toblotly pine, todgepole pine (shore pine), monterey pine, pondeross pine, Scotch pine, stash pine, blue apruce, and Sitka spruce): Broadcast 4-8 pts. In a minimum of 5 gals. of water per acre by air or 10 gals. by ground before weeds are 1.5 inches tall. Apply to setablished trees between tall and early spring write trees are dormant. For new transplants, apply during or acon after transplanting.

For applications prior to transplanting, allow sufficient precipitation to activate Atrazine 4L before transplanting. In areas where spring and summer rainfall is inadequate to activate Atrazine 4L, apply during fall prior to spring transplanting.

For the list of weeds controlled, see Atrazine 4L Applied Alone-Corn or Grain Sorghum-Preplant Surface-Applied, Preplant Incorporated, or Preemergence.

Ouscigrass control: Broadcast 8 pts. in a minimum of 5 gals, of water per acre by air or 10 gals, by ground between fall and early apring while trees are dormain and before quackgrass is more than 1.5 inches tall.

Precautions: (1) in areas west of the Rocky Moursains (except the Great Basin), grazing may begin 7 months after a hall application or 3 months after a winter or apring application (2) To prevent Begul residues; do not graze treated areas of the Great Basin, or areas east

APAR TO BERE

of the Rocky Mountain to trees may occur f 4L on coarse-textured injury, do not apply apply only once per year

Aerial application: In order to assure the when used according to label directions, above vegetation, using low drift not application to periods when wind apeed will not adversely nontarget plants, appliat a minimum upwind sensitive plants.

Storage and Disposi

Ground water contamination may be rebulk storage sites with an impermeable

Perticide Disposal

Do not contaminate water, lood, or feed! Open dumping is prohibited. Wastes n toxic, improper disposal of unused per lederal law. Pesticide, spray mixture, o instructions must be disposed of acct guidance in proper disposal methods. Control Agency, or the Hazardous Wa. Office.

Container Disposal

Triple rinse (or equivalent) and offer k dispose of in a sanitary landfill, or by inc and local authorities. If burned, keep or For minor spills, leaks, etc., follow all p immediately. Take special care to avoid cleanup procedures a the event of a matemergency, call 1-800-

WARRANTY AND

Seller warrants that its chemical descript for the purposes stain accordance with conditions of use and

any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

Caliber 90°, Concep°, Dual°, and Princep° trademarks of CIBA-GEIGY Corporation.

Bexton° trademark of DowElanco.

Gramoxone° and Sutan +° trademarks of ICI Americas.

Lasso°, Ramrod° and Roundup° trademarks of Monsanto Company.

CO-OP trademark of Universal Cooperatives, Inc.

UNIVERSAL COOPERATIVES, INC., MINNEAPOLIS, MN 55440



4

RESTRICTED USE PESTICIDE (GROUND AND SURFACE WATER CONCERNS)

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

THIS PRODUCT IS A RESTRICTED USE HERBICIDE DUE TO GROUND AND SURFACE WATER CONCERNS. USERS MUST READ AND FOLLOW ALL PRECAUTIONARY STATEMENTS AND INSTRUCTIONS FOR USE IN ORDER TO MINIMIZE POTENTIAL FOR ATRAZINE TO REACH GROUND AND SURFACE WATER.

Support Document #67

ATRAZINE 4L HERBICIDE

For Season-Long Weed Control In Corn, Sorghum, And Certain Other Crops.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Additional Precautionary Statements And Directions For Use On Back Panel

ACTIVE INGREDIENTS:

Atrazine: 2-chloro-4-ethylamino- 6-isopropylamino-s-triazine	40.8%
Related Compounds	
INERT INGREDIENTS	2.2% 57.0%
Total	100.0%
Atrazine 4L Contains 4 Lbs. Active Ingredients Per Gallon. Shake Hell Before Using. Use Entire Contents At One Line.	
In FPA fatter Philad	

NOV 18 1994

Net Contents: 2 1/2 Gallons

Under the Federal Insecticide, Fundicide, and Redenticide Act as smeaded, for the pesticide registered under EPA Reg. No.

EPA Reg. No. 1386-647 EPA Est. No. 1386-0H-1



Precautionary Statements

Hazzirds to Humans and Domestic Animals
CAUTION

Harmful II swallowed, inheled, or absorbed through skin, Do not breathe vapors or spray mist. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers (other than mixers and loaders) must wear: $\frac{1}{4}$

- ·Long-sleeved shirt and long pants
- ·Waterproof gloves
- ·Chemical-resistant footwear plus socks

Mixers and loaders must wear:

- ·Long-sleeved shirt and long pants
- 'Waterproof gloves
- ·Chemical-resistant footwear plus socks
- ·Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- 'Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

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Statement of Practical Treatment of Practical Treatment (Sall a physician or glasses of water and induce volved to the procession of the practical treatment of the procession of the p

on the first of the second of the state of the second of t

For Medical Emerge extension 138.

Environmental Hazarda

Altrazine can travel (seep or lea may be used as drinking water, edvised not to apply atrazine to (ground water) is close to the sur well-drained, Your local agricult type of soil in your area and the

This product may not be maded abandoned wells, drainage well loaded within 50 feet of intermit and reservoirs. This product may of the points where field surfact reams and rivers or within 200 voirs. If this product is applied a from runoff entry points must be crop.

This pesticide is socio to aquetic where surface water is present mark. Do not apply when west and drift from treated areas may areas. Do not contaminate water

DIRECTIONS FOR USE

it is a violation of federal law to u

For any requirements sp the agency responsible

FAILURE TO FC. LOW THE DI LABEL MAY RESULT IN POC RESIDUES.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40° CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries; and greenhouses, and claim of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box on the Horker Protection Standard.

Do not apply this product in a way that will contact workers or other persons either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- ·Coveralls
- ·Waterproof gloves
- *Chemical-resistant footwear plus socks

10 Med 10

The state of

NON-AGRICULTI

The requirements in tiproduct that are NOT to Protection Standard (40 CFR Part 170) The The is used to produce; forests, nurseries, or

Do not enter treate clothing until sprays warnings must be give to be in a treated be treated with this be given which inform that may not be enter clothing until sprays action語 to take with as described under this label. & When ora shall of given in a l by workers. Oral war is reason to believe be understood, by wor include the following treated with Atrazine Do not enter without a until sprays have dried

CHEMIGATION PROHIBITION

Do not apply this product system.



General information

This herbicide controls many annual proadlest and grass weeds in corn, sorghum, sugarcane, and certain other crops specified on this label. This product may be applied before or after weeds emerge.

Following many years of continuous use of this product and chemically related products, Diotypes of some of the weeds letted on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, and weeds controlled by this product are expected to be present along with resistant biotypes, we recommend the use of this product in combinations or in sequence with other registered herbicides which are not triazines. If only resistant biotypes are expected to be present, use a registered hori-triazine herbicide. Consult with your state Agnountural Extension Service for specific recommendations.

Since this product acts mainly through root absorption, its effectiveness depends on moisture to move it into the root zone. If weeds develop, a shallow cultivation or rossry hoeing will generally result in better weed control.

This product is noncorrosive to equipment and metal surfaces, nonfiammable, and has low electrical conductivity.

Avoid using near adiacent desirable plants or in greenhouses, or injury may occur.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as cropinjury may result.

Where the use directions give a range of rates, use the lower rate on coarse-textured soil and soil low in organic matter; use the higher rate on fine-textured soil and soil high in organic matter.

NOTE: Universal Cooperatives, Inc., does not recommend applications in combination with other herbicides or oils, except as specifically described on the label.

Application Procedures

Ground application: Use conventional ground aprayers equipped with noticles that provide accurate and uniform application. Be certain that noticles are uniformly specied and are the same size. Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers. Unless otherwise specified, use a minimum of 10 gats, of spray motiums/A for all preplant incorporated, preplant surface, pre-emergence, and postemergence applications (with or without oil or surfactant) with ground equipment.

Use a pump with capacity to (1) maintain 35-40 pel st nozzles, (2) provide sufficient aghtation in tank to keep motture in suspension, and (3) to provide a minimum of 20% bypass at all times. Use centrifugal pumps which provide propeller shear action for dispersing and mixing this product. The pump should provide a minimum of 10 gala/minute/100 gal. tank size circulate I through a correctly positioned sparger tube or jets.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be 16-meah or coarset. Do not place a screen in the recirculation line. Use 50-meah or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

ا عامل محملا انتخب For band applications, calculate amount

band width in inches

x broadcas

Aerial application: Use aerial appli specified. Apply in a minimum of 1 ct. c acra. For postemergence treatments of a minimum of 2 gala, of water/A. Acci coverage cannot be obtained or where

Avoid application to humans or animals spray mist and prolonged concact with and at the end of each day's operation.

Application in water or liquid fertilizemay replace all or part of the water as a corpreplant surface ground application this product with liquid fertilizer and/or not apply in histogen solution or comple or crop injury may occur.

Compatibility Tests Since isquel terti always check compatibility with her careful when using complete susper problems are more likely to occur. Conspatibility in some instances. The followacre. For other apray volumes, make compatibility using this procedure:

- 1. Add 1 pint of fertilizer to each of 2 or
- 2. To one of the milliliters of a for this use, so is equivalent to Shake or stir gent
- To both jars add the appropriate am used, add them separately with dry concentrates last. After each addit appropriate amount of herbicides it

Dry herbicides: For each pound each sar.

Liquid herbicides: For each pint t millitiers to eac

4. After adding all ingredients, put lide Let the mixtures stand 15 minut precipitates, gels, heavy oily film on if the compatibility agent is needed either mixture separates, but can t long as good agitation is used. If I methods of improving compatibility; tion, or (B) add 1/2 of the compatib emulsificule concentrate or flowable patibility is still observed, do not us

BEST AVI

Application in water plus emulsifiable ell or oil concentrate: Adding emulsifiable oil (petroleum-derived, petroleum-derived oil concentrate, or single or mixed crop-derived oil concentrate) to possemergence water-based aprays in corn and sorghum may improve weed control, Howevectunder certain conditions, the use of either type of oil may seriously injure the crop. To minimize this possibility, observe the following directions:

Use one of the following property emulsified:

- A suitable oil concentrate containing at least 1% but not more than 20% suitable emulsifier or surfactant blend.
- 2. Petroleum-derived oil containing at least 1% suitable emulsifier.

G# 1 1-2 1

NOTE: In the event of a compatibility problem when mixing oil with this product and water, a compatibility agent such as Kem Link should be used. Any of the above oils contaminated with water or other materials can cause compatibility problems and/or crop injury.

Mixing procedures – all usest (1) Be sure sprayer is clean and not contaminated with any other maserials, or crop injury or sprayer clogging may result. (2) Filt tank ¼ full with clean wase, nitrogen solution, or complete figuid fertilizer. (3) Start agitation. (4) Be certain that the epitation system is working properly and creates a rippling or rolling action on the figuid surface. (5) Pour product directly from container into tank. (6) Continue filling tank until 90% full. Increase agitation if necessary to maintain surface action. (7) Add emulsifiable oil, oil concentrate, or tank mix herbicide(s) after this product is thoroughly suspended. (8) Finish filling tank. (9) Empty tank as completely as possible before reliting to prevent buildup of oil or emulsifiable concentrate residue. Maintain agriztion to avoid separation of materials. (10) If an oil or emulsifiable concentrate film starts to build up in tank, drain it and clean with strong detergent solution or solvent. (11) Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent.

Rotational Crops — All Useat (1) Do not rotate to any crop except corn or sorghum until the losowing year, or injury may occut. (2) if applied after June 10, do not rotate with crops other than corn or sorghum the heat year, or crop injury may occut. (3) in the High Plains and intermountain areas of the West where rainfall is sparse and erratic or where impation is required, use only when corn or sorghum is to follow corn or sorghum or when a crop of uncreased corn or sorghum is to precede other rotational crops. (4) in eastern parts of the Dakotsa, KS, western MM, and NE, do not rotate to soybeans if the rate applied to corn or sorghum was more than 2.2 bas/A or equivalent band application rate, or soybean injury may occut. (5) injury may occur to soybeans planted the year following application on solls having a calcareous surface layer. (6) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year following application, or injury may occur.

Atrazine 4L Applied Alone - Corn or Grain Sorghum*

Preplent Surface-Applied, Preplant Incorporated, or Preemergence (or Postemergence at 4 pts./A With Oil)

Broadlesi and Grass Weeds Controlled

--

Alberta Architectural Architectural barnyardgrass (watergrass) ***
glant foctal! **
green foctal! ***
large (hairy) crabgrass **
wild dats
witchgrass (Panicum capillare) ***
yellow foctal! ***

Postemergence with Emulsitiable Oil c Broadleaf Weeds Controlled

annual morningglory cocklebur simsonweed

lambaquan mustards pigweed

- Where there are state/local required maximum rates and/or greater sett more restrictive/prosective requirem established rate limitations within a lead posticide control agency for additional deviate from state use regulations.
- ** Partial control only.
- *** Partial control only on medium- and

Com

Preplant Surface-Applied (Broadles) a textured soil with minimum-tillage or no-till MO, MT, NO, NE, SO, WI, and WY. Apply Table 1 up to 45 days prior to planting. Or two weeks prior to planting. If an unsail adverse environmental conditions follow appropriately labeled herbicide may a trazine, do not exceed the labeled rate!

If weeds are present at the time of treatm herbicide (for example, Gramosone® E precautions, and restrictions on the lab

Hote: To the extent possible, do not move to the surface during planting, or weed

Preplant Incorporated (Broadlest anding at rase in Table 1. Apply to the soil and bed preparation. Avoid deep incorporation optanting.

Preemergence of Al-Planting (Broadle after planting before weed emergence, a

Postemergence (Broadlest and grass s in height and before com exceeds 12 inc



Table 1: Broadleaf and Grass Weed Control in Corn*

FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE

- On Highly Erodible Soils (as defined by SCS)
 - If conservation tillage is practiced, leaving at least 30% of the soil covered with plant residues at planting, apply a maximum of 4 pts./A as a broadcast spray.
 - If the soil coverage with plant residue is less than 30% at planting, a maximum of 3.2 pts./A may be applied.
- On Soils Not Highly Erodible
 Apply 4 pts./A as a breadcast apray.

FOR POSTEMERGENCE APPLICATION

If no atrazine was applied prior to com emergence, apply a maximum of 4 pts./A broadcast, if a postemergence treatment is required following an earlier herbicide application, the total atrazine applied may not exceed 2.5 lbs. active ingredient (5 pts. of this product) per acre per calendar yest.

Broadlest control (seatern CO, western KS, western NE, NM, OK Panhandle, west TX, and eastern WY): On sand, loarny sand, sandy loarn, mild to strongly alkaline soil, and all recently leveled soil, apply no more than 2.4 pts./A, either preplant surface, preplant incorporated, or pre-mergence. On other soils in these areas, apply rate in Table 1 for broadlest and grass control.

Where there are statefocal requirements reparting attrazine use (including lower maximum rates and/or greater setbactics) which are different from the label, the more restrictive/protective requirements must be followed. Certain states may have established rate limitations within specific geographical areas. Consult your state lead posticide control agency for additional information, it is a violation of this label to deviate from state use regulations.

Posternergence with emulaitlable oil or oil concentrate in water; Add the following volume of one of the type oils indicated for serial or ground application unless the oil label specifies otherwise:

Type Oil	A.	Ground Application	Aerial Application
Oli Concentrate (Crop or Pr	1 QUA	V2-101/A	
Petroleum-derived oil	and develope	1 gal/A	2 qts./A

Hote: Crop-derived or petroleum-derived oil concentrates should contain at least 1% but not more than 20% suitable émulaifier or surfactant blend. Petroleum-derived oils should contain at least 1% autable émulaifier.

Broadlest and gress control: For possemergence control of those weeds listed under Preplant Incorporated and Preemergence, proadcast 4 pts./A plus emulsifiable oil or oil concentrate after weed emergence, but before weeds reach 1.5 inches in height and before corn exceeds 12 inches in height.

Broadlest control: For possemergence control of those weeds listed under Postemergence with emulaifiable oil or oil concentrate in water, broadcast 2.4 pts./A plus amulaifiable oil or oil concentrate before pigweed and lambaquariers reach 8 inches in height and before all other weeds reach 4 inches in height. A cultivation may be necessary if all weeds are not controlled or if weeds regrow.

 Precautons: For applications with emutal times or any breeding stock may be severely oil concentrate. (2) Adding other insecti materials is not recommended, because it mury, (3) Store and handle emutalliable oil; with even a small amount of water may not avoid crop injury, (4) Do not apply when a weather, poor fertility, prother factors, or witall, (5) Do not exceed 2.5 lbs. active ingredictar year, (6) Postemergence applications I inches in height,

Tank Mixtures for Corn

marin aga ga e n bha cultur chuide cabh e phonairte É ag i dhí bhairte.

This product may be tank mixed with these grass weeds in com:

Qual® (metalachior)

Dual + Gramosone Extra

Dual + Roundup (glyphosale)

Oual + Princep®

Dual + Princep + Gramosone Extra

Oual + Princep + Roundup Bexton® or Ramrod® (propachior) Lasso® or Lasso EC (alachior)

Use tank mix directions appearing on the I ing with this product. Observe all precau used in a particular tank mix.

NOTE: When the labels refer to atrazine 80W, Atrazine 4L. One 1b. of 4L.

Princep 80W, Princep 4L,

In addition to the were 4L Applied Alone - Corn Surface-Applied, Prep Preemergence, this concrabgrass, fall panicum,

Broadcast tank mix before planting, at pli weeds emerge, at rates in Table 2, Use the ratio for expected heavy infestations of cra if weeds develop.

Preplant Surface-Applied: Use on med tillage or no-tillage systems only in CO, IA.

BEST AVAILABLE

and MY. Apply the recommended rate of Atrazine 4L and Princep shown in Table 2 up to 45 days prior to planting. Refer to the Atrazine 4L alone section for information if weeds should develop following the early treatment. On coarse-textured soils, do not apply more than two weeks prior to planting. Refer to the Atrazine 4L Alone-Preplant Surface-Applied section of the corn label for additional details.

If weeds are present at time of treatment, apply in a tank mix combination with a contact herbicide (for example, Gramosone Extra or Roundup). Observe directions for use, precautions, and restrictions on the tabel of the contact herbicide.

Note: To the extent possible, do not move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

Preplant incorporated: Apply to the soil and incorporate in the spring before, during, or siter final seedbed preparation. Avoid deep incorporation. For best results, apply within two weeks prior to planting.

Preemergence: Apply during or shortly after planting, but before crop and weeds emerge.

Refer to Corn sections of this label and to Princep 80W. Princep Caliber 90, or Princep 4L labels for further directions, limitations, and precautions.

Table 2: Tank Mixtures with Princes on Com

the state of		Broadca	st Rate/A	
	1:1 Ratio*		1:2 Ratio**	
Soll Texture	This Product	Princep 80W1	This Product	Princep 80W1
Sand, loamy sand, sandy loam	2 pts.	1.25-104.	1.32 pcs.	1.57 lbs.
Loam, sit loam, sit, clay loam, sandy clay loam, sity clay loam, sandy clay, or sity clay with.	2.4 pts.	1.5 lbs.	1.5 pts.	2 ibs.
Loam, slit toam, slit, clay toam; sandy clay toam, slity clay toam; sandy clay, or sity clay with medium to high organic matter, sand clay (including dark prairie soils of the Com Belt)	3 pts.	1.3 lbs.	1.92 pcs.	2.4 lbs.

^{*} For control of most weeds.

3

Princep 80W, Princep 4L, or Princep Caliber 90 plus Reundupt Use as tank matture for pre-mergence and postemergence control of certain broadlest and grass weeds where com will be planted directly into a cover crop, established sod, or in previous crop residues. Refer to Roundup tabel for all directions, weeds controlled, precautions, and limitations.

80W. Princep Princep 90 plus Gramoxone Ex with Princep and Gramo vegetation and for re corn will be planted established sod, or Add this product and tank, agitating unti add Gramoxone Extra such as Aquagene 90. application. Broadcas plus 1.25 - 2.5 lbs 4 pts. of Princep 4 Princep Caliber 90) Gramoxone Extra in 2 sprayed acre. label for the approp this tank mixture. after planting, but 0.5 pt. of a nonionic 90, per 100 gals. c higher rate of Gran the label if existing tall. This mixture w than 6 inches.

Refer to further limitations and prec Gramosone Extra.

Proceutions: For all applications to or not apply more than 2.5 lbs./A active in (2) For best control of velvedeal and or lbs./A active ingredient, either alone or plow (moldboard or dish-plow) and the injury to apring-seeded rotational crop

Note for all applications to com: Dr days following application, or Megal :

Sorghum and Sorghum-audan Hyt

Preplant Surface-Applied (Broadle textured soil with minimum-tillage or

MN, MO, MT, NO, NE, recommended rate of 3 up to 45 days | unsatisfactory length

^{**} For control of expected heavy intestations of crabgrass and fall paricum.

¹ When using Princep Caliber 90 or Princep 4L, use equivalent rates. One to, of Princep 80W equals 0.8 to, of Princep Caliber 90 or 1.8 pts. of Princep 4L.

from adverse environmental conditions following early treatment, a follow-up application of an appropriately labeled herbicide may be used. If the follow-up treatment includes atrazine, do not exceed the labeled rate for corn indicated in Table 1. Under dry conditions, irrigation after application is recommended to move Atrazine 4L into the soil.

If weeds are present at time of treatment, apply in a tank mix combination with a contact herbicide (for example, Gramosone Extra or Roundup). Observe directions for use, precautions, and restrictions on the label of the contact herbicide.

Hote: To the extent possible, do not move treated soil out of the row of move untreated soil to the surface during planning, or weed control will be diminished.

Preplant incorporated (Broadlesf and grass control); Broadcast in spring after plowing at rate snown in Table 3. Apply before, during, or atterfinal seedbed preparation. If soil is titled or worked after application, avoid deep incorporation. For best results, apply within two weeks prior to planting.

Preemergence (Broadleaf and grass control): Apply during or shortly after planting, but prior to weed or grop emergence at rate shown in Table 3.

Posternergence (Broadlesf and grass control): Apply at rate shown in Table 3 before weeds exceed 1.5 inches in height and before sorghum exceeds 12 inches in height.

Table 3: Broadlest and Grass Weed Control in Sorghum 1.2

FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE

On Highly Erodible Solis (all defined by SCS)
 If conservation sittage as practiced, leaving at least 30% of the soil covered with
 plant residues as planting, apply a maximum of 4 pts./A as a proadcast spray.

If the soil coverage with plant residue is less than 30% at planting, a maximum of 3.2 pts./A may be applied.

On Soils Hot Highly Erodible
 Apply 4 pts./A as a broadcast spray.

FOR POSTEMERGENCE APPLICATION

If no straine was applied prior to com emergence, apply a maximum of 4 pts./A broadcast. If a postemergence treatment is required following an earlier herbicide application, the total straine applied may not exceed 2.5 lbs. active ingredient (5 pts. of this product) per acre perioslendar year.

On not apply preplant surface or preplant incorporated in AL, AR, FL, GA, LA, MS, NC, NM, OK, SC, TN, or TX. Do not apply preemergence in NM, OK, or TX, except in northeast OK and the TX Guif Coast and Stacklands areas.

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In case of planting failure, sorghum o proadcast application, or injury may oc corn is replanted in untreated row midsecond planting provided the maxim calendar year is not exceeded.

Preemergence broadlest weed control of analyte For preemergence control of after bed preparation, during or after and before the first furrow impation. For thoroughly wet all soil,

Precautions for preemergence applical CA: To avoid possible sorghum injury, displanted in furrows. Applications to sorgension have exposed calcareous or all fallure, do not replant sorghum for 8 millioned later.

Postemergence broadlest weed corwiters Broadcast 2.4 pts./A for control and lambequarters reach 6 inches in height. In CQ, wessem KS, NM, OK, T sorghum is 6-12 inches in height, in : 3-leaf stage but before it exceeds 12 in ground application and Q5 gal./A for a for ground application, A cultivation m if weeds regrow.

For the list of week 4L Applied Alone-Corn ence with Emulsifiabl Water.

Precautions for applications with emutions for applications with emulsifiab

Postsmergence broadlest weed or TX, and desert regions of AZ and surfactant after sorghum reaches 6 ir in height, Apply only on sandy loam.

Precautions: For all applications to a cation tends to cause excessive con possible crop injury. On not apply a (plowed in), Level deep planter marks sorghum growing under stress cause on highly calcareous soil may result to claik-plow) and thoroughly till soil i seeded rotational crops, regardless of preplant surface, preplant moorpore insecticide applied in-furrow are used (5 pts. of this product) per acre per contempence (except for preemergence apply to coarse-textured soils, i.e., sa textured soils having less than 1% emergence applications, do not app

Where there are state flocal requirements regarding stratine use (including lower maximum rates and/or greater setbacks) which are different from the label, the more restrictive/protective requirements must be followed. Certain states may have established rate limitations within specific geographical areas. Consult your state lead pesticide control agency for additional information. It is a violation of this label to deviate from state use regulations.

Note: Do not graze or feed forage from treated areas for 21 days following application, or illegal residues may result.

Tank Mixtures for Grain Sorghum

Out 1: 8E: Use as tank mixture with **Dual SE for control of those** weeds listed on the **Dual** SE label, as well as on this label, Use this tank mixture only on sorghum seed treated with Concep®. Refer to the **Dual SE label for all directions**, precautions, and limitations.

Winter Weed Control In Texas

For postemergence control of winter weeds only, such as henbit, seedling dock, and annual thistle bedded land in fall the Gulf Coast and Apply Blacklands of: TX. 0.8 qt./A postemergence to the weeds in November or December to land that will be planted to corn, grain sorghum, or forage sorghum the following spring. For best results, add a suitable surfactant, such as Aquagene 90, at the rate of 0.5% of the spray volume, an emulsifiable oil at the rate of 1.0% of the spray volume, or an oil concentrate at the rate of 1 ot. per acre.

Normal weed control programs may be used in the following corn, grain sorghum or lorage sorghum crop.

Note: Do not plant any crops excépt com, grain sorghum, or forage sorghum the spring following this treatment, or lifegal residues may result.

Atrazine 4L Alone - Chemical Fallow

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Wheel-Borghum-fallows To control annual broadleaf and grass weeds tollowing wheat havest and in the following sorghum crop when grown under minimum bilage, broadcast 6 pts./A to wheat stubble immediately following wheat harvest. If weeds are present application, remove them with a sweep plow or other suitable implement after application, or use an approved contact herbicide before or after the application of Atrazine 4L. Plant sorghum into wheat stubble the following spring with minimum soil disturbance. Use a surface planter or a planter leaving a shallow furrow. If weeds are present at planting, remove them with a sweep plow or other suitable implement

before planting.

For the list of weed 4L Applied Alone-Corn Surface-Applied, Preplemergence.

Precautions: (1) Use only on sit loam c Wheet-sorghum-fallow cropping seque sorghum harvest.

Note: To avoid lifegal residues, do not o To avoid lifegal residues and crop injurtabel within 18 months following treatm

Wheet-Corn-Fallow (KS, NE): This protochia, mustards, pigweed, Russian tr wheat during period after wheat harvecrop grown under minimum tillags.

Follow directions for use, notes, and p tion above, substituting corn for referei Wheet-Fellow-Wheet (CO, KS, ND chestgrass (downy brome, chess), cor mustard, Russian thistis, wild lettuce, a period of a wheet-fallow-wheet rotation listed under Precautions. For control rate. Apply to stubble ground, Treat on!

Tank Mixtures for Chemical Fallow

Wheat-Sorghum-Fallow o

Gramoxone Extra: application, a tank may be used. Broadc plus a suitable 20-60 gals. of Add 0.5 - 1 pt. as Aquagene 90, per Add Atrazine 4L to thoroughly mix with Extra, followed by s rate of Gramoxone Ex if weeds are 4 - 6 will not control we Apply to stubble grou same fallow period. label for further di limitations.

Wheat-Fallow-Wheat (CO, KS, ND, NE, SD, and WY)

Gramoxone Extra: If weeds are present application, a tank mix with Gramoxone Extra may be used. Broadcast 1 - 2 pts. of Atrazine 4L plus a suitable amount of Gramoxone Extra in 20 - 60 gals. of water/A by ground equipment. Add 0.5-1 pt. of a nonionic surfactant, such as Aquagene 90, per 100 gals. of spray mixture. Add Atrazine 4L to spray tank first and thoroughly Then add Gramoxone Extra, mix with water. Use the higher rate followed by surfactant. of Gramoxone Extra specified on the label if This mixture will weeds are 4 - 6 inches tall. not control weeds taller than 6 inches. to stubble ground. Treat only once during same fallow period. Refer to Gramoxone Extra label further directions. precautions, for limitations.

If weeds are present at application and this product is used alone, use either an approved contact herbicide before or after treatment, or tillage after treatment.

Use tillage to control weeds which escape during fallow period. Till before planting. For this product applied alone or instant mixture with Gramosone Extra, plant at least 2 inches deep and 12 months or more after application.

Precautions: To evold crop injury, (1) Do not use on sand soil, (2) Do not treat eroded hillsides, callche and rocky ourcroppings, or exposed calcareous subsoil. (3) Do not treat soits of the Rosebud and Carryon Series in western NE and edjoining counties in CO and WY, (4) Do not treat soils with calcareous surface layers. (5) Avoid spray overlap.

Note: Do not graze treated areas within 6 months after application, or slegal residues may result.

Aerial application: In order to assure that spray will be controkable within the target area when used according to label directions, make applications at a maximum height of 10 h., using low drift nozzles at a maximum pressure of 40 psi, and restrict application to penods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply Atrazine 4L alone by aircraft at a minimum upwind distance of 400 ft. from sensitive plants.

Roadsides

To control certain annual weeds in established perennial grasses along roadsides in CO. KS. MT, NO, NE, SD, and WY, including cheatgrass (downy brome, chess), common

(annual) broomweed, little barley, medusaticast 2 pts./A in a minimum of 10 gals, of viground freezes, or after thawing in the sprinup and before weeds emerge. Examples of bluestern, bluegrama, promegrass, buffalo bluestem, side-oats grama, switchgrass, as year. Temporary discoloration or other forming occur following application.

Notes: To avoid illegal residues. (1) Do not o irvestock to graze treated areas.

Sugarcane

For control of many broadlest and grass Irreweed, Flora's paintbrush, foxtaris, jungi Atrazine -4L at time of but before sugarcane emer in a minimum of 5 gals broadcast or band by grou of 20 gals, per acre, ur applica One additional the sugarcane as it eme applications may be made as directed sprays. applineeded, may be interline as suggested v being prior to closerate of herbicide sugg of sugarcane.

NOTE: Where high rates alone, apply in a min for each 1 qt. of Atra:

Aerial application: In order to assure the area when used according to label direct of 10 ft., using low drift nozzles at a maxima periods when wind speed does not 4

adversely affect adjaplants, apply Atrazina at a minimum upwind c sensitive plants.

Florida

For control of emerged pellinory weed; App a directed spray by ground equipment pric 100 gala, of spray, Thoroughly cover weed

For control of alexandergrass, large crabgrass, pelitory (artillery) weed, and spiny amazanth, use one of the following methods at planting or rationing:

- Apply 8 pts./A preemergence. Follow with one or two applications, as needed, postemergence to sugarcane and weeds, at 4 pts./A. Treat before weeds succeed 1.5 inches in height.
- Apply 1-3 times, as needed, at 4 pts./A postemergence to sugarcane and weeds. Treat before weeds exceed 1.5 inches in height.

Louisiana

For control of annual weeds during the summer fallow period, apply 4 pts./A to weed-free beds immediately after bed formation. Follow normal weed control program after planting.

Precautions: To evoid crop injury, (1) Do not apply more than 10 qts./A to any one crop of sugarcane, (2) If making 4 pts./A application during summer fallow period, do not exceed 8 qts./A guring the remainder of the growing season, or illegal residues may result.

Texas

Use Atrazine 4L for control of barnyardgrass, pigweed, purslane and sunflower, in plant or ration sugarcane.

Apply 8 pts./A of Atrazine 4L preemergence. Follow with one or two applications, as needed, at 6 pts./A postemergence to sugarcane and weeds.

For best results when weeds are emerged, add a nonionic surfactant at a concentration of 2 qts./100 gals, to the spray and apply before weeds exceed 1.5 inches in height.

Proceutions: (1) Injury to sugarcane may occur when under moisture stress, when soil is of low adsorptive capacity, or when land is first cropped to sugarcane. (2) Do not apply after close-in. (3) Do not apply more than 20 pts./A to any one crop of sugarcane, or crop injury may result.

Turtgreases for Sod (Florida only)

St. Augustinegrass, Centipedegrass, and Zoyslegrass

Broadcast 4 - 8 pts./A according to soil texture to control those weeds listed under Atrazine 4L Applied Alone-Corn or Grain Sorghum-Preplant Surface-Applied, Preplant Incorporated, or Preemergence.

Muck or peat		Old beds: Within 2 days after lifting sod.
	\$ pts.	New bade: 3-4 days after sprigging or plugging.
Sandy soil	4 pts.	. Old beds: Within 2 days after lifting sod.
		New beds: 7-10 days after sprigging or plugging.

[&]quot;I weeds regrow, apply an additional 4 pts./A on muck or peat, or 2 pts./A on sandy soil.

Precautions: To evoid crop injury, (1) Do not (2) Do not apply in combination with surfactivityress reasonably free of infestations of newly apagged turigress, remporary slower

Turigrass for Fairways, Lawns, Sod Proc

* in states other than FL. For use on turio (Florida only) section above.

Bermudagrass, Centipedegrass, St. Au-

Apply Atrazine 4L after of winter annual weed bluegrass, burclover, corn speedwell, henbit, Atrazine 4L will contrifit is emerged at time of summer annual weeds section of the Atrazior Grain Sorghum sect apply Atrazine 4L in la emerge. Apply in a mir per acre or 1 gal. per 1

Where annual bluegrass is the major wee h.). Use 2 qts./A (44 ml or 1.5 ft, 5s. per 1.0 above, Do not exceed 1 qt./A per treatmer mudagrass such as Tiffawn, Tifway, and

For continued summer annual weed continue previous application, but not after A applications of this product per year.

Precautions: On newly aprigged aurigrass of growth and yellowing may occur follow on turigrass reasonably free of infection not use on golf greens. (3) Do not use north or west of the high rainfall ereas of eastern alicaline solts. (5) Do not apply over the rothis label. (6) Do not overseed with desiral after treatment. (7) Do not apply this procoverwintered and has a well-developed it within 12 months of seeding bermudegra

Note: Do not graze or feed turi clippings

Mecedemia Nuta

For preemergence control of many broad tail, wregrass. Flora's paintbrush, spanil before harvest and before weeds emerge are on ground during harvest period. Do

Guerra

use only on established plantings which are stress to months old. Apply as a directed spray at 4 - 8 pts./A of Atrazine 4L in 20 - 50 gals. of spray mix preemergence or early postemergence to weeds. When applying postemergence, the use of a surfactant and greater spray volume (80 - 100 gals. of spray mix per acre) may enhance weed control. This product controls many annual broadleaf and grass weeds, including fireweed, purslane, scarlet pimpernel, spanishneedles, and sowthistle.

NOTES: To avoid illegal residues, (1) Do not allow spray to contact foliage or fruit. (2) Do not apply more frequently than at 4 month intervals. (3) Do not apply more than 16 pts. of Atrazine 4L per year.

Contiers

For control of annual broadleaf and grass weeds prior to transplanting, after transplanting or in established coniters (including Douglas fit, grand fit, noble fit, white fit, Austran pine, bishop pine, Jeffrey pine, knoocene pine, loblolly pine, todgepole pine (shore pine), momercy pine, ponderosa pine, Scotch pine, slash pine, blue apruce, and Sitta spruce): Broadcast 4-8 pis, in a minimum of 5 gale, of water per acre by air or 10 gale, by ground before weeds are 1.5 inches tail, Apply to established trees between fall and early apring white trees are dormant. For new transplants, apply during or soon after transplanting.

For applications prior to transplanting, allow sufficient precipitation to activate Atrazine 4L before transplanting. In areas where spring and summer rainfall is inadequate to activate Atrazine 4L, apply during fall prior to spring transplanting.

For the list of weeds controlled, see Atrazine 4L Applied Alone-Corn or Grain Sorghum-Preplant Surface-Applied, Preplant Incorporated, or Preemergence.

Ouschorses control: Broadcast@pts. In a minimum of \$ gals, of water per scre by air or 10 gals, by ground between fall and early spring while trees are dormant and before quackgrass is more than 1.5 inches tall.

Processions: (1) in areas west of the Rocky Moursains (except the Greet Besin), grazing may begin 7 months after a fall application or 3 months after a winter or spring application (2) To prevent begal residues; do not great treated areas of the Greet Besin, or areas east

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of the Rocky Mountain to trees may occur i 4L on coarse-textured injury, do not apply apply only once per year

Aerial application: In order to assure that when used according to label directions, above vegetation, using low drift notties application to periods when wind appear will not adversely nontarget plants, application at a minimum upwind sensitive plants.

Storage and Disposi

Storage

Ground water contamination may be rebulk storage area with an impermeable

Pesticide Disposal

Do not concurninate water, food, or feed: Open dumping is prohibited, Wastes n toxic, Improper disposal of unused pelederal law, Pesticide, spray mixture, o instructions must be disposed of acct guidance in proper disposal methods. Control Agency, or the Hazardous Wa Office.

Container Disposal

Triple rinse (or equivalent) and offer k dispose of in a sanitary landfill, or by including and local authorities. If burned, keep or for minor spills, leaks, etc., follow all primmeduately. Take special care to avoid cleanup procedures a the event of a matemargency, call 1-800-

WARRANTY AND

Seller warrants that its chemical descript for the purposes stain accordance with conditions of use and

any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

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